

General Environmental Incident Summary

Incident: 3278 **Date/Time Notice:** 4/3/2014 1000 c **DEM Incident No:**
Responsible Party: CHS Inc.
Date Incident: 3/19/2014 **Time Incident:** 2100 cst **Duration:** 26 days
County: Barnes **Twp:** 139 **Rng:** 57 **Sec:** 27 **Qtr:** NE SE SW
Lat: 46.82155 **Long:** -97.86309 **Method:** Address matching
Location Description: Dakota Plains Co-Op
123rd Avenue SW
Cuba, ND
Submitted By: Mary Blel **Affiliation:** CHS Inc.
Address: 5500 Cenex Drive
City: Inver Grove Heights **State:** MN **Zip:** 55077

Received By:

Contact Person: Mary Blel
5500 Cenex Drive
Inver Grove Heights, MN 55077

Distance Nearest Occupied Building: 458 Feet **Release Contained:** Yes

Type of Incident: Tank Leak

Description of Released Contaminant: Anhydrous Ammonia

Volume Spilled: 298.00 pounds **Ag Related:** Yes

EPA Extremely Hazardous Substance: Yes **Reported to NRC:** Yes

Cause of Incident:

The exact timing of the release is unknown; it was noticed on 3/19/2014 (smelled by railroad employee). The nurse tank is stored here for the winter and it not currently being used. Release may be the result of temperature changes, loosening of the valve from the train vibrations, or potentially from tampering. Based on calculating the difference of what was in the tank previously to what is in it now, it is believed to be a loss of about 50 gallons/298 pounds. The last time the tank was checked was 2/21/2014; so it is believed the release occurred over some period of time between then and 3/19/2014.

Risk Evaluation:

None, very small release.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 01 - air

Potential Environmental Impacts:

None, very small release.

Action Taken or Planned:

Fire department was called and they tightened the valve to stop the release. No water was needed because it was such a small release (sputtering from the valve) that there was no vapor cloud that need to be controlled.

Wastes Disposal Location: Not applicable.

Agencies Involved: Local Fire Department

Updates

Date: 4/3/2014 **Status:** Reviewed - Assigned to NDDoH Division **Author:** Stockdill, Scott

Updated Volume:

Notes:

According to the incident summary, this spill involved anhydrous ammonia. Forwarded to Division of Air Quality.

Date: 5/4/2014 **Status:** Reviewed - No Action Required **Author:** Roberts, Kris

Updated Volume:

Notes:

Small, slow anhydrous ammonia leak to the atmosphere. No on-site followup is necessary.